

Schedule for SCTP Advanced Professional Certificate (APC) in AI-driven Enterprise Cybersecurity & Defence - Cohort 1

SN	Week	Module Name	Hours	Date	Day	Time	Remarks	Mode of Delivery
<b>1. Applied Enterprise Security Foundations &amp; Architecture Design</b>								
1	1	INTRODUCTION TO THE COURSE		11-Jul-26	Saturday	9:00 am to 10:00 am		NTU@One-north
2		Enterprise IT 101: Servers, Endpoints, Networks, AD, Cloud	3	11-Jul-26	Saturday	10:00am to 2:00 pm	Includes 1 hour lunch	NTU@One-north
3		Introduction to the Role of Cybersecurity in Business	3	11-Jul-26	Saturday	2:00 pm to 5:00 pm		NTU@One-north
4	2	Governance, Risk & Compliance (GRC) Basics	3	14-Jul-26	Tuesday	7:00 pm to 10:00 pm		Online
5		The CIA Triad & Core Security Principles	3	16-Jul-26	Thursday	7:00 pm to 10:00 pm		Online
6		Career workshop 1: Career Values for the next chapter		18-Jul-26	Saturday	9:00 am to 12:00 pm		NTU@One-north
7		Foundation of Secure Architecture & Design Principles	4	18-Jul-26	Saturday	1:00 pm to 5:00 pm		NTU@One-north
8	3	Fundamentals of Risk Analysis & Business Impact Scenarios	3	21-Jul-26	Tuesday	7:00 pm to 10:00 pm		Online
9		Overview of the NIST CSF and CIS Controls	3	23-Jul-26	Thursday	7:00 pm to 10:00 pm		Online
10		Capstone Briefing 1	2	25-Jul-26	Saturday	10:00 am to 12:00 pm		NTU@One-north
11		Introduction to CVE and MITRE ATT&CK, Connecting the Dots	4	25-Jul-26	Saturday	1:00 pm to 5:00 pm		NTU@One-north
12		Capstone	4	27-Jul-26	Monday	9:00 am to 5:00 pm	Check in between the timing for self paced learning	Self-paced
13	4	Foundations of Zero Trust Architecture and Secure by Design	3	28-Jul-26	Tuesday	7:00 pm to 10:00 pm		NTU@One-north
14		Introduction to Continuous Adaptive Risk and Trust Assessment	3	30-Jul-26	Thursday	7:00 pm to 10:00 pm		Online
15		Module Revision & Reading Assignments	4	1-Aug-26	Saturday	9:00 am to 2:00 pm	Check in between the timing for self paced learning	Self-paced
16		Module Revision & Assessment	3	1-Aug-26	Saturday	2:00 pm to 5:00 pm		Online
<b>2. AI-Powered SecOps: Security Operations &amp; Incident Response (with Automation and Threat hunting)</b>								
17		Career workshop 2: Building a Professional Brand	3	4-Aug-26	Tuesday	7:00pm to 10:00 pm		Online
18		Foundations of Security Information and Event Management	3	6-Aug-26	Thursday	7:00 pm to 10:00 pm		NTU@One-north
19	5	SIEM Hands-on Foundation: Developing Practical Skills in Log Analysis and Querying	4	8-Aug-26	Saturday	9:00 am to 5:00 pm	Check in between the timing for self paced learning	Self-paced
20		SIEM Hands-on Foundations: Multi-Source Log Analysis and	3	11-Aug-26	Tuesday	7:00 pm to 10:00 pm		Online
21		Incident Response Foundations: Alert Triage and Handling	3	13-Aug-26	Thursday	7:00 pm to 10:00 pm		Online
22	6	Detection Foundations: Correlation Rules, Behavioral Analysis, and Alert Triage and Simulated Incident Response	7	15-Aug-26	Saturday	9:00 am to 5:00 pm		NTU@One-north
23		Foundations of Threat Intelligence	3	18-Aug-26	Tuesday	7:00 pm to 10:00 pm		Online
24		Foundations of Threat Intelligence	3	20-Aug-26	Thursday	7:00 pm to 10:00 pm		Online
25		Capstone	4	21-Aug-26	Friday	9:00 am to 5:00 pm	Check in between the timing for self paced learning	Self-paced
26		Capstone update	1	22-Aug-26	Saturday	9:00 am to 10:00 am		NTU@One-north
27	7	CTF Challenge	7	22-Aug-26	Saturday	10:00 am to 6:00 pm		NTU@One-north
28		Foundation of AI in Modern SOC	3.5	25-Aug-26	Tuesday	6:30 pm to 10:00 pm		Online
29		Revision & Assessment	3.5	27-Aug-26	Thursday	6:30 pm to 10:00 pm		Online
<b>3. Zero Trust Architectures: Cloud &amp; Identity Security Mastery</b>								
30	8	Zero Trust Principles	3	1-Sept-26	Tuesday	7:00 pm to 10:00 pm		Online
31		Identity and Access Management - self learning	1	3-Sept-26	Thursday	9:00 am to 5:00 pm	Check in between the timing for self paced learning	Self-paced
32		Identity and Access Management	2	3-Sept-26	Thursday	7:00 pm to 9:00 pm		Online
33	9	Access Policies and Hybrid Identity	8	5-Sept-26	Saturday	9:00 am to 6:00 pm		NTU@One-north
34		Multi-Factor Authentication (MFA)	2	8-Sept-26	Tuesday	7:00 pm to 9:00 pm		Online
35		Career workshop 3: Networking for Career Transition	3	9-Sept-26	Wednesday	7:00pm to 10:00 pm		Online
36		Privileged Access Management	3	10-Sept-26	Thursday	7:00 pm to 10:00 pm		Online
37		Capstone	4	11-Sept-26	Friday	9:00 am to 5:00 pm	Check in between the timing for self paced learning	Self-paced
38	10	Cloud Security Posture - self learning	1	12-Sept-26	Saturday	9:00 am to 5:00 pm		Online
39		Capstone update	1	12-Sept-26	Saturday	9:00 am to 10:00 am		NTU@One-north
40		Cloud Security Posture	6	12-Sept-26	Saturday	10:00 am to 5:00 pm		NTU@One-north
41		Identity Threat Detection & Response (ITDR), ZTNA and VPN - self learning	1	15-Sept-26	Tuesday	9:00 am to 5:00 pm	Check in between the timing for self paced learning	Self-paced
42		Identity Threat Detection & Response (ITDR), ZTNA and VPN	3	15-Sept-26	Tuesday	7:00 pm to 10:00 pm		On Line
43	11	Lab Day	8	19-Sept-26	Saturday	9:00 am to 6:00 pm		NTU@One-north
44		Assessment (Practical Lab submission + Presentation)	2	22-Sept-26	Tuesday	7:00 pm to 9:00 pm		Online
<b>4. Secure App Development: Web, Mobile &amp; DevSecOps</b>								
45	12	Secure SDLC Foundations	7	26-Sept-26	Saturday	9:00 am to 5:00 pm		NTU@One-north
46		OWASP	3	29-Sept-26	Tuesday	7:00 pm to 10:00 pm		Online
47		Secure Coding Techniques - self learning	2	1-Oct-26	Thursday	9:00 am to 5:00 pm	Check in between the timing for self paced learning	Self-paced
48		Secure Coding Techniques	3	1-Oct-26	Thursday	7:00 pm to 10:00 pm		Online
49	13	Application Security Testing - self learning	2	3-Oct-26	Saturday	9:00 am to 5:00 pm	Check in between the timing for self paced learning	Self-paced
50		Application Security Testing	7	3-Oct-26	Saturday	9:00 am to 5:00 pm		NTU@One-north
51		Mobile Security Fundamentals	3	6-Oct-26	Tuesday	7:00 pm to 10:00 pm		Online
52		Mobile App Security Testing	3	8-Oct-26	Thursday	7:00 pm to 10:00 pm		Online
53		Capstone	4	9-Oct-26	Friday	9:00 am to 5:00 pm	Check in between the timing for self paced learning	Self-paced
54		Capstone update	1	10-Oct-26	Saturday	9:00 am to 10:00 am		NTU@One-north
55	14	DevSecOps Principles	3	10-Oct-26	Saturday	10:00 am to 1:00 pm		NTU@One-north
56		Secrets Management & Compliance and API Security	3	13-Oct-26	Tuesday	7:00 pm to 10:00 pm		Online
57		Vulnerability remediation & Assessment	3	15-Oct-26	Thursday	7:00 pm to 10:00 pm		Online

		<b>5. Data Protection in the Era of AI &amp; Cyber Resilience</b>		<b>Date</b>	<b>Day</b>	<b>Time</b>		<b>Mode of Delivery</b>
58	15	Data Protection and Cyber Recovery		3	20-Oct-26	Tuesday	7:00 pm to 10:00 pm	NTU@One-north
59		Career workshop 4: Crafting interview-oriented resume		3	21-Oct-26	Wednesday	7:00pm to 10:00 pm	Online
60		Cyber Recovery		3	22-Oct-26	Thursday	7:00 pm to 10:00 pm	NTU@One-north
61	16	Data Classification, Resiliency & AI		7	24-Oct-26	Saturday	9:00 am to 5:00 pm	NTU@One-north
62		Data Classification, Resiliency and Leveraging AI		3	27-Oct-26	Tuesday	7:00 pm to 10:00 pm	Online
63		DLP		2	29-Oct-26	Thursday	7:00 pm to 9:00 pm	Online
64	17	Insider Risk Management		2	30-Oct-26	Friday	9:00 am to 5:00 pm	Check in between the timing for self paced learning Self-paced
65		Capstone Update		1	31-Oct-26	Saturday	9:00 am to 10:00 am	NTU@One-north
66		DLP, Cyber Resiliency & Business Continuity		7	31-Oct-26	Saturday	10:00 am to 6:00 pm	NTU@One-north
67		Identity Protection & Resilience		3	3-Nov-26	Tuesday	7:00 pm to 10:00 pm	Online
68		Identity Resilience and Cyber Resilience Project		3	5-Nov-26	Thursday	7:00 pm to 10:00 pm	Online
69		Capstone		4	6-Nov-26	Friday	9:00 am to 5:00 pm	Check in between the timing for self paced learning Self-paced
70	18	Integrated Resiliency Design		7	7-Nov-26	Saturday	9:00 am to 5:00 pm	Online
71		Module revision & Assessment		3	10-Nov-26	Tuesday	7:00 pm to 10:00 pm	Online
72		Career workshop 5: Preparing for interview		3	12-Nov-26	Thursday	7:00 pm to 10:00 pm	NTU@One-north
		<b>6. Strategic Cyber Governance: Navigating Risk and Regulatory Landscapes</b>		<b>Date</b>	<b>Day</b>	<b>Time</b>		<b>Mode of Delivery</b>
73	19	Introduction to GRC & Cybersecurity Foundations		3	14-Nov-26	Saturday	9:00 am to 12:00 pm	NTU@One-north
74		Cybersecurity principles, threats - self learning		1	14-Nov-26	Saturday	9:00 am to 5:00 pm	Check in between the timing for self paced learning Self-paced
75		Cybersecurity principles, threats		4	14-Nov-26	Saturday	1:00 pm to 5:00 pm	NTU@One-north
76		Cyber Risk Management - Identity and Assessment		3	17-Nov-26	Tuesday	7:00 pm to 10:00 pm	Online
77		Risk Treatment Strategies - self learning		1	19-Nov-26	Thursday	9:00 am to 5:00 pm	Check in between the timing for self paced learning Self-paced
78		Risk Treatment Strategies		3	19-Nov-26	Thursday	7:00 pm to 10:00 pm	Online
79		Capstone		4	20-Nov-26	Friday	9:00 am to 5:00 pm	Check in between the timing for self paced learning Self-paced
80		Capstone update		1	21-Nov-26	Saturday	9:00 am to 10:00 am	NTU@One-north
81	20	Risk Treatment Strategies (cont'd), Cybersecurity Risk Metrics		7	21-Nov-26	Saturday	10:00 am to 6:00 pm	NTU@One-north
82		Cyber Governance and Security Culture - self learning		1	24-Nov-26	Tuesday	9:00 am to 5:00 pm	Check in between the timing for self paced learning Self-paced
83		Cyber Governance and Security Culture		3	24-Nov-26	Tuesday	7:00 pm to 10:00 pm	Online
84		Regulatory Compliance		2	26-Nov-26	Thursday	7:00 pm to 9:00 pm	Online
85	21	Regulatory Compliance (cont'd), Audits and Testing		7	28-Nov-26	Saturday	9:00 am to 5:00 pm	NTU@One-north
86		Threat Modeling		2	1-Dec-26	Tuesday	7:00 pm to 9:00 pm	Online
87		Third-Party Risk Management and Future of GRC & Assessment		3	3-Dec-26	Thursday	7:00 pm to 10:00 pm	Online
		<b>7. Capstone Project in Cybersecurity</b>		<b>Date</b>	<b>Day</b>	<b>Time</b>		<b>Mode of Delivery</b>
88	22	Capstone Project Assessment		1	5-Dec-26	Saturday	9:00 am to 10:00 am	NTU@One-north
89		Capstone Projects Review		3	5-Dec-26	Saturday	10:00 am to 1:00 pm	NTU@One-north

- All lecture will be facilitated Virtually unless otherwise stated
- F2F lecture will be held at NTU@one-north campus (off North Buona Vista Road)
- NTU reserves the right to modify the date, revise the content, change the trainer, adjust the mode or venue of lessons, or cancel the class should unforeseen circumstances arise